

# Work Order ID 85924

\*85924\*

Page 1

June-18-12 2:33:49 PM

Item ID: K642-512

Accept

\*N9000040100\*

Setup Start \*NS1\*

Revision ID:

Item Name: saddle kit 642-512

Stop \*NS2\*

Start Date: 18/06/2012 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 02/07/2012 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12/06/18 Tooling:

Date:

Run Start \*NR1\*

QC: Date: SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN-D206-642	O
--------------	---

100

0.00

\*100\*

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Create White labels per PPP K642-512 CHG004

110

0.00

\*110\*

Pick Kit

Packaging

Memo

0.00

Packaging

120

0.00

\*120\*

QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

(DAS)  
16  
12/09/04  
JB

for CL 12-9-5

4 JB 12/09/04

(DAS)  
16  
12/09/04

(x4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 85924

**\*85924\***

Page 2

June-18-12 2:33:49 PM

Item ID: K642-512

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: saddle kit 642-512

Stop **\*NS2\***

Start Date: 18/06/2012 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 02/07/2012 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP K642-512 Location: <u>PKG</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

10/2/12 7 (4)

12/9/11

MP

12-09-07

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Page 1

Work Order ID: 85924

\*85924\*

Parent Item: K642-512

\*K642-512\*

Parent Item Name: saddle kit 642-512

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 05.06.07 new issue EC  
IPP Rev.B 05.02.08, Per ECN1080P

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN5C34A		Purchased	No			110	Each	44.0000	2	8			
---------	--	-----------	----	--	--	-----	------	---------	---	---	--	--	--

\*AN5C34A\*

\*\*

122491 JB

## Location

## Loc Qty

## Loc Code

FG

2

18918

2

ST339

42

119530

17

121013

25

D206-648-013

Manufactured No

110

Each

8.0000

4

\*D206-648-013\*

GHW Modification

CH17W2

\*\*

2x 83041 JB 012/09/04

2x B 87552 SP

## Location

## Loc Qty

## Loc Code

FG

5

83363

5

FG120

1

65455

0

66633

0

83040

1

FG125

2

83040

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 2

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Parent Item: K642-512

\*K642-512\*

Parent Item Name: saddle kit 642-512

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D2932-2

Manufactured No

110

Each

16.0000

4

\*D2932-2\*  
Saddle RH Out, 206

\*\* 

2x86430 JB 182

Location

Loc Qty

Loc Code

ST421

7

79224

1

81802

6

ST428

9

82135

3

83424

6

D2933-2

Manufactured No

110

Each

15.0000

4

\*D2933-2\*  
Saddle RH In, 206

\*\* 

2x83424  
2x86432 JB

Location

Loc Qty

Loc Code

ST421

7

81804

7

ST428

8

82138

2

83425

6

D2938-2

Manufactured No

110

Each

10.0000

4

\*D2938-2\*  
Saddle RH Out, 206

\*\* 

2x83425  
86424 JB 12/09/04

Location

Loc Qty

Loc Code

ST421

7

81806

7

ST428A

3

75102

1

80096

2

June-18-12 2:33:53 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 85924

Parent Item: K642-512

Parent Item Name: saddle kit 642-512

**\*85924\***

**\*K642-512\***

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D2939-2

Manufactured No

110 Each

11.0000

**\*D2939-2\***  
Saddle RH In, 206

**\*\* [ ] 4 ✓**

83418 JB

**[ ]**

Location

Loc Qty

Loc Code

ST421

7

81808

7

ST428A

4

78955

1

79238

1

82134

2

AN3C41A

Purchased No

110 Each

112.0000

**\*AN3C41A\***  
BOLT

**\*\* [ ] 8 ✓**

32

122241 JB

**[ ]**

Location

Loc Qty

Loc Code

FG

4

103324

4

ST354

108

121013

28

121313

80

D2652

Manufactured No

110 Each

419.0000

**\*D2652\***  
Bushing

**\*\* [ ] 16 ✓**

64

88780 JB 12/09/04

Location

Loc Qty

Loc Code

FG

44

31985

44

ST013

375

73836

36

81951

61

83744

278

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Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 4

Work Order ID: 85924

\*85924\*

Parent Item: K642-512

\*K642-512\*

Parent Item Name: saddle kit 642-512

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

MS21043-3

Purchased

No

110

Each

1,325.000

20

80

✓

\*MS21043-3\*

Nut

\*\*

JB

8

Location

Loc Qty

Loc Code

FG

72

103691

72

ST301

1253

118077

2

118614

51

118686

30

119758

20

121255

194

121708

956

121708

D3672-7

Manufactured

No

110

Each

760.0000

24

96

✓

\*D3672-7\*

Phenolic Washer

\*\*

88501

JB

8

Location

Loc Qty

Loc Code

ST060

760

73488

16

76279

244

81872

500

AN5C11A

Purchased

No

110

Each

138.0000

8

32

✓

\*AN5C11A\*

Bolt

\*\*

122416

JB

12/09/04

Location

Loc Qty

Loc Code

FG

4

103715

4

ST337

134

120423

5

121009

79

121556

50

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Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: K642-512

Parent Item Name: saddle kit 642-512

\*85924\*

\*K642-512\*

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

AN5C12A

Purchased

No

110

Each

76.0000

4

16

\*\*

\*AN5C12A\*

BOLT

Location

Loc Qty

Loc Code

FG

2

18918

2

ST338

74

120518

29

121349

25

121652

20

1x 120518

15x 121349

AN5C13A

Purchased

No

110

Each

175.0000

4

16

\*\*

\*AN5C13A\*

BOLT

Location

Loc Qty

Loc Code

ST338

175

119537

75

120562

100

119537

AN960C516L

NAS1149C0532

Purchased

No

110

Each

0.0000

8

32

\*\*

\*AN960C516I \*

WASHER

AN4C6A

Purchased

No

110

Each

523.0000

12

48

\*\*

\*AN4C6A\*

Bolt

Location

Loc Qty

Loc Code

FG

4

103344

4

ST356

519

116704

2

120423

1

121656

16

21658

500

121657 JB 12/09/04

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Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 6

Work Order ID: 85924

\*85924\*

Parent Item: K642-512

\*K642-512\*

Parent Item Name: saddle kit 642-512

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D3672-3 Manufactured No

110 Each 1,003.000 24 96 ✓

\*D3672-3\*

Phenolic Washer

\*\*

JB



## Location

## Loc Qty

## Loc Code

ST060

1003

84361

503

84432

500

84432

AN960C416L NAS 1149C0432R

Purchased No

110 Each 0.0000 24 96

\*AN960C416I \*

WASHER

\*\*

121255 JB

MS21043-4

Purchased No

110 Each 1,094.000 13 52 ✓

\*MS21043-4\*

Nut

\*\*

122450 JB



## Location

## Loc Qty

## Loc Code

FG

40

104603

40

ST301

1054

119546

115

121162

439

121652

500

D3407-043

Manufactured No

110 Each 11.0000 0 4 ✓

\*D3407-043\*

Tow Ring

\*\*

85478 JB 12/09/04

## Location

## Loc Qty

## Loc Code

ST420

1

79232

1

ST463

10

68339

2

78841

1

83325

7

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Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 85924

Parent Item: K642-512

Parent Item Name: saddle kit 642-512

\*85924\*

\*K642-512\*

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D3456-1

Manufactured No

110 Each

228.0000

\*\*  4 ✓

\*D3456-1\*

Washer

JB SP

Location

Loc Qty

Loc Code

FG

7

25701

7

ST044

221

80252

1

81876

22

83584

98

85223

100


85223  
8 ✓

D3457-1

Manufactured No

110 Each

77.0000

\*\*  8 ✓

\*D3457-1\*

Washer

JB SP

Location

Loc Qty

Loc Code

FG

10

32409

10

ST044

67

67779

1

81977

6

83268

20

85422

40


85422  
40 ✓

D2712

Manufactured No

110 Each

735.0000

\*\*  40 ✓

\*D2712\*

Set Screw

JB 12/09/04

Location

Loc Qty

Loc Code

FG

50

29962

50

ST017

685

81871

185

83559

250

84433

250

21X83559  
13X84433

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W/O:		WORK ORDER CHANGES					
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Parent Item: K642-512

Parent Item Name: saddle kit 642-512

\*85924\*

\*K642-512\*

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D2934

Manufactured No

110 Each

85.0000

2

8

\*\*

JB

SP

\*D2934\*  
Saddle Spacer

Location

Loc Qty

Loc Code

FG

4

31929

4

ST021

48

82014

40

83270

8

ST031

33

85447

33

85447

D2935

Manufactured No

110 Each

86.0000

2

8

\*\*

JB

12/09/04

\*D2935\*  
Saddle Spacer

Location

Loc Qty

Loc Code

FG

6

31793

6

ST021

44

78807

14

82013

30

ST031

36

85448

36

85448

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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\*85924\*

\*K642-512\*

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

AN3C36A

Purchased

No

110

Each

122.0000

9

36

\*AN3C36A\*  
BOLT

\*\*

122843 JB

SP

Location

Loc Qty

Loc Code

FG

4

101261

4

ST353

118

116590

0

119083

1

119324

18

121389

49

121689

50

AN3C35A

Purchased

No

110

Each

75.0000

3

12

\*AN3C35A\*  
BOLT

\*\*

JB

SP

Location

Loc Qty

Loc Code

FG

4

18914

4

ST353

71

119449

50

121013

16

121313

5

AN960C10L

NAS1149C0332  
R

Purchased

No

110

Each

21.0000

24

96

\*AN960C10L\*  
washer

\*\*

122063 JB 12/09/24

Location

Loc Qty

Loc Code

ST

21

107534

21

June-18-12 2:33:54 PM

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: K642-512

Parent Item Name: saddle kit 642-512

**\*85924\***

**\*K642-512\***

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

D3672-1

Manufactured No

110

Each

1,418.000

24

96

\*\*

**D3672-1\***  
Phenolic Washer

Location

Loc Qty

Loc Code

ST060

1418

72229

4

76277

13

80369

391

83608

500

85222

510

75 80369

21 85222

2

8

\*\*

D3396-3

Manufactured No

110

Each

53.0000

2

8

\*\*

**D3396-3\***  
Spacer

Location

Loc Qty

Loc Code

FG

10

26772

10

ST041

43

73349

5

82073

8

85428

30

85428

1

4

\*\*

AN5C35A

Purchased No

110

Each

37.0000

1

4

\*\*

**AN5C35A\***  
Bolt

Location

Loc Qty

Loc Code

ST340

37

118451

12

119749

25

3+ 118451

1x 119749

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

June-18-12 2:33:54 PM

Page 11

Work Order ID: 85924

\*85924\*

Parent Item: K642-512

\*K642-512\*

Parent Item Name: saddle kit 642-512

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

AN5C15A

Purchased

No

110

Each

57.0000



4

\*\*

✓

JB

80

\*AN5C15A\*

Bolt

Location

Loc Qty

Loc Code

ST338

57

118191

3

120422

6

120833

3

121162

25

121652

20

121162

AN5C32A

Purchased

No

110

Each

83.0000



8

\*\*

✓

JB

80

12/09/04

\*AN5C32A\*

Location

Loc Qty

Loc Code

FG

4

18918

4

ST339

79

119035

29

120578

50

67119035  
2x120578

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

June-18-12 2:33:54 PM

Page 12

Work Order ID: 85924

Parent Item: K642-512

Parent Item Name: saddle kit 642-512

\*85924\*

\*K642-512\*

Start Date: 18/06/2012

Required Date: 02/07/2012

Start Qty: 4.00

Required Qty: 4.00

MS21043-5

Purchased

No

110

Each

737.0000

16

✓

**\*MS21043-5\***

Nut.

\*\*

JB 8 12/09/04

Location

Loc Qty

Loc Code

FG

20

101418

20

ST300

4

112314

4

ST301

713

116548

96

118159

17

119307

25

119537

176

121283

199

121584

200

119537

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 4.7 206L/L-1/L-3/L-4/407 HIGH GEAR FLOAT SKIDTUBES (TRI-BAG COMPATIBLE)

ITEM	QTY -511	QTY -512	QTY -515	QTY -516	QTY -541	QTY -547	QTY -549	QTY -551	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-511	SKIDTUBE INSTALLATION, LH
		X								D206-642-512	SKIDTUBE INSTALLATION, RH
			X							D206-642-515	SKIDTUBE INSTALLATION, LH
				X						D206-642-516	SKIDTUBE INSTALLATION, RH
1	1	1			X					D206-642-541	SKIDTUBE
						X				D206-642-547	WEARSHOE KIT (REPLACES -543 KIT)
							X			D206-642-549	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-551	SKIDTUBE
1	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D3274-041	SKIDTUBE ASSEMBLY
1								1		D4362-041	SKIDTUBE ASSEMBLY
3					1			1		D2646	* AFT CAP <sup>(1)</sup>
4					2			2		AN3C4A	* BOLT <sup>(1)</sup>
5A					2			2		NAS1149C0332R	* WASHER <sup>(1)</sup> (OR AN960C10L)
5B					2			2		D3672-1	* WASHER (REPLACES NAS1515H3L) <sup>(1)</sup>
6	1	1								D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3C41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21043-3	NUT
12B	16	16	16	16						D3672-7	WASHER (REPLACES NAS1515H5)
13	4	4	4	4						AN5C11A (or AN5C12A)	* BOLT <sup>(2)</sup>
14	4	4	4	4						AN5C11A (or AN5C13A)	* BOLT <sup>(2)</sup>
15A	8	8	8	8						NAS1149C0532R	WASHER (OR AN960C516L)
15B	8	8	8	8						D3672-7	WASHER (REPLACES NAS1515H5L)
16	12	12	12	12						AN4C6A	BOLT
17A	24	24	24	24						D3672-3	WASHER (REPLACES NAS1515H4L)
17B	24	24	24	24						NAS1149C0432R	WASHER (OR AN960C416L)
18	12	12	12	12						MS21043-4	NUT
20A					9	9				D3537-1	* WEARPAD <sup>(1)</sup> (REPLACES D2648-3)
21A					1	1				D3537-3	* WEARPAD <sup>(1)</sup> (REPLACES D3429-1)
22A					1	1				D3535-15	* WEARSHOE <sup>(1)</sup> (REPLACES D2656-15)
22B					1	1				D3536-15	* GASKET <sup>(1)</sup>
23A					1	1				D3535-23	* WEARSHOE <sup>(1)</sup> (REPLACES D2656-23)
23B					1	1				D3536-23	* GASKET <sup>(1)</sup>
24A					1	1				D3535-39	* WEARSHOE <sup>(1)</sup> (REPLACES D3287-1)
24B					1	1				D3536-39	* GASKET <sup>(1)</sup>
25A					1	1				D3535-35	* WEARSHOE <sup>(1)</sup> (REPLACES D2656-35)
25B					1	1				D3536-35	* GASKET <sup>(1)</sup>
26A			8	8	78	78	8			AN3C4A	* BOLT <sup>(1)</sup>
26B			8	8	78	78	8			NAS1149C0332R	* WASHER <sup>(1)</sup> (OR AN960C10L)
26C			8	8	78		8			ALS7-1032-130	* INSERT <sup>(1)</sup> (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34			1	1	1					AN4C5A	BOLT
35			1	1	1					NAS1149C0463R	WASHER (OR AN960C416)
36			1	1	1					D3413-1	RING
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER

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Revision: 0

Date: 11.06.15

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>					
<b>Root Cause</b>	<b>Date</b>	<b>Step</b>	<b>Qty</b>	<b>Description of work order update or Non-conformance</b>	<b>Initial Chief Eng</b>	<b>Action Description</b>	<b>Sign &amp; Date</b>	<b>Verification</b>	<b>QC Inspector</b>		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY												
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

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DART AEROSPACE USA, INC.

IIN-D206-642

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ITEM	QTY -511	QTY -512	QTY -515	QTY -516	QTY -541	QTY -547	QTY -549	QTY -551	QTY -013	PART NUMBER	DESCRIPTION
40									2	D3414-041	LUG ASSEMBLY (GHW)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)
50	9	9	3	3						AN3C36A	BOLT
51	3	3	3	3						AN3C35A	BOLT
52	24	24	12	12						NAS1149C0332R	WASHER (OR AN960C10L)
53	24	24	12	12						D3672-1	WASHER (REPLACES NAS1515H3L)
54	12	12	6	6						MS21043-3	NUT
55	2	2	2	2						D3396-3	SPACER
56A	1	1	1	1						AN5C35A	BOLT
56B	1	1	1	1						AN5C15A	BOLT
60	2	2	2	2						AN5C32A	BOLT
61	2	2	2	2						AN5C34A	BOLT
62	4	4	4	4						MS21043-5	NUT
80							1	1		D4368-041	FWD WEARPLATE ASSY
81							1	1		D4368-043	AFT WEARPLATE ASSY
82A							1	1		D4383-1	WEARPAD
82B							1	1		D4383-3	WEARPAD
83							20	20		D3873-3	BUSHING
84								24		D3411-3	WASHER
85							2			D3275-1	SPACER
86A							6	6		AN3C40A	BOLT
86B							2	2		AN3C37A	BOLT
86C							2	2		AN3C36A	BOLT
87							10	10		MS21043-3	NUT

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D3274-041 OR D4362-041 ASSEMBLY ABOVE  
(2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision: 0  
Date: 11.06.15

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>						
<b>Root Cause</b>	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
Operator <input type="checkbox"/>												
Material <input type="checkbox"/>												
Setup <input type="checkbox"/>												
Other <input type="checkbox"/>												
Process <input type="checkbox"/>												
Supplier <input type="checkbox"/>												
Training <input type="checkbox"/>												
Unapproved <input type="checkbox"/>												
<b>FAULT CATEGORY</b>												
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	